

CLAIMS LISTING:

1. – 10. (Cancelled)

11. (Previously presented) A protection device (10) for protecting a brake disk (12) in a disk brake from dirt particles, the brake disk (12) having a pair of side surfaces and a radially outwardly facing edge surface disposed between the side surfaces, said protection device comprising:

at least one protection means (13) configured to cover at least partly the edge surface of the brake disk for effectively preventing dirt particles and on-coming, travel generated wind from directly striking the brake disk (12) associated therewith when said protection means (13) is disposed in a first end position and configured to expose at least partly the edge surface of the brake disk for allowing relative wind to directly strike said brake disk (12) associated therewith when disposed in a second end position,

wherein said at least one protection means (13) is at least partly constructed from material that is shape-influenced by heat such that said at least one protection means (13) assumes said first end position when a temperature of said protection means (13) lies below a first temperature and assumes said second end position when said protection means (13) exceeds a second temperature, wherein said material that is shape-influenced by heat is disposed in an angle between two legs (13a, 13b) of said L-shaped protection means (13), wherein said protection means (13) is L-shaped in section.

12. – 21. (Cancelled)

22. (Previously presented) A protected vehicular disk brake arrangement shielded from contamination particles, said arrangement comprising:

a contamination shield (13) mounted to a suspension of a carrying vehicle and surrounding an associated brake disk (12), the brake disk (12) having a pair of side surfaces and a radially outwardly facing edge surface disposed between the side surfaces, said shield being at least partly constructed from temperature reactive material characterized by being shape-influenced by heat produced by the associated brake disk (12) when performing a braking function and thereby varying an amount of cooling air supplied to the associated brake disk (12) in dependence upon brake temperature; and

said contamination shield (13) having a closed configuration that at least partially covers the edge surface of the brake disk thereby precluding contamination particulate and on-coming, travel generated cooling air from directly striking the associated brake disk (12) and an open configuration that exposes at least partly the edge surface of the brake disk thereby allowing on-coming, travel generated cooling air to directly strike the associated brake disk (12), the closed configuration being assumed when a temperature of the contamination shield (13) lies below a first predetermined temperature and the open configuration being assumed when the temperature of the contamination shield (13) exceeds a second predetermined temperature, wherein the temperature reactive material is located in an angle between two legs (13a, 13b) of the L-shaped contamination shield (13), wherein the contamination shield (13) is L-shaped in section.

23. – 27. Cancelled